

In the Claims:

Claims 5, 6, 9, 14 and 15 have been amended.

1 5. (Amended) A method as claimed in claim 1, comprising the step of the
2 mobile station transmitting to a cell site unit information indicating the estimated levels of
3 interference with signals on at least two of the communication channels.

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1 6. (Amended) A method as claimed in claim 1, wherein the mobile station is in
2 traffic communication on a traffic communication channel, the telecommunications system
3 comprises a handover controller for controlling handover of the mobile station from the
4 current communication channel to another one of the communication channels, and the
5 method comprises the steps of:
6 the mobile station communicating to the handover controller via the current
7 cell site unit information indicating the estimated levels of quality with signals on at least two
8 of the communication channels; and
9 the handover control unit determining to which of the cell site units to hand
10 over traffic communication of the mobile station on the basis of at least that information
11 indicating the estimated levels of interference.

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2 9. (Amended) A method as claimed in claim 1, wherein the mobile station stores
 an indication of a timing of the said signals on at least one of the communication channels

3 and the mobile station interrupts another operation to receive the said signals at a time
AS
4 dependent on the stored indication of a timing.

1 14. (Amended) A mobile station as claimed in claim 13, wherein the interference
2 estimation unit comprises a Viterbi equaliser.

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1 15. (Amended) A mobile station as claimed in claim 14, wherein the channel
2 analysis unit is capable of receiving via the receiver information specifying the said
3 communication channels.

Claims 17 and 18 have been added.

1 17. (New) A mobile station as claimed in claim 12, wherein the interference
2 estimation unit comprises a Viterbi equaliser.

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1 18. (New) A mobile station as claimed in claim 11, wherein the channel analysis
2 unit is capable of receiving via the receiver information specifying the said communication
3 channels.
